



MÜNİR TAŞDEMİR

PROF.

Email : munir@marmara.edu.tr



Biography

1970 Ankara doğumludur. 2018-2021 yılları arasında Marmara Üniversitesi Teknoloji Fakültesi Metalurji ve Malzeme Mühendisliğinde bölüm başkanı olarak görev yapmıştır. Polimer karışımları ve alaşımları, polimer test teknolojisi, polimer kompozitleri ve mühendislik plastikleri uzmanlık alanları arasındadır. 2008-2009 ve 2014 yıllarında Michigan Technological University, Chemical Engineering Faculty'de polimer karışımları üzerinde çalışmalarda bulunmuştur. Bazı kamu ve özel kuruluşlarından ödüller almıştır. Yurtiçi ve yurt dışı dergilerde basılmış bir çok yayını, projesi ve atıfları mevcuttur. Seçkin Yayınevinden çıkan; Polimer Karışımları ve Teknolojisi (2013), Plastik Malzemelerin Test Teknikleri (2018), Ticari Plastikler (2019), Plastik İşleme Teknolojisi (2020) isimli kitapları ve Springer Yayınevinden çıkan Sustainability in the Textile and Apparel Industries (2020) isimli kitapta Sustainable Green-Based Composites from Renewable Resources in Textile: Industrial Cotton Wastes ve Use of Roselle (*Hibiscus sabdariffa*) in Composite Materials for Sustainability isimli iki adet bölümü mevcuttur. *Mühendislik Alanında Araştırma ve Değerlendirmeler (Gece Kitaplığı -2021)* kitabında, yüksek yoğunluklu polietilen kompozitlerin aşınma ve sürtünme performanslarına nano-çinko oksit katkısı ve proses şartlarının etkisinin belirlenmesi isimli bir bölüm yazmıştır.



Learning Knowledge

Doctorate 1995 - 2000	Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Metal Eğitimi (YI) (Tezli), Turkey
Postgraduate 1993 - 1995	Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Metal Eğitimi (YI) (Tezli), Turkey
Undergraduate 1993 - 1993	Marmara University, Faculty of Technical Education, Metal Education, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Düşük yoğunluklu polietilen ile poliamid-6 ve polistiren ile yüksek yoğunluklu polietilen polimer alaşımlarının mekanik, fiziksel ve morfolojik özelliklerinin incelenmesi, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), 2005
Postgraduate, Polimerlerin kompozitlerde kullanımı, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), 1995

Academic Titles / Tasks

Professor 2015 - Continues	Marmara University, Faculty Of Technology, Metallurgical And Materials Engineering
Associate Professor 2011 - 2015	Marmara University, Faculty Of Technology, Metallurgical And Materials Engineering
Associate Professor 2014 - 2014	Michigan Technological University, Chemical Engineering Faculty, Chemical Engineering
Associate Professor 2010 - 2011	Marmara University, Faculty Of Technical Education, Metal Education
Assistant Professor 2000 - 2010	Marmara University, Faculty Of Technical Education, Metal Education

Assistant Professor
2008 - 2009

Michigan Technological University, Chemical Engineering Faculty, Chemical Engineering

Lecturer
1998 - 2001

Marmara University, Faculty Of Technical Education, Metal Education

Research Assistant
1994 - 1998

Marmara University, Faculty Of Technical Education, Metal Education

Supported Projects

1. Taşdemir M., Gümüş B., Project Supported by Higher Education Institutions, Grafen ve Çinko Borat Takviyeli Geri Dönüşümlü Polipropilen Nano Kompozit Malzemenin Mekanik Termal ve Morfolojik Özelliklerinin İncelenmesi , 2021 - 2023
2. Taşdemir M., Project Supported by Higher Education Institutions, Geri Dönüşümlü Polipropilen, Poliakrilonitril ve Karbon Elyaf Kompozitinin Mekanik, Termal ve Morfolojik Özelliklerinin İncelenmesi, 2019 - 2020
3. Taşdemir M., Project Supported by Higher Education Institutions, Geri Dönüşümlü Polipropilen/Çeltik Polimer Kompozitinin Mekanik, Termal ve Morfolojik Özelliklerinin İncelenmesi, 2019 - 2020
4. Taşdemir M., Project Supported by Higher Education Institutions, Deniz yosunu katkılı polipropilen biopolimer kompozitinin mekanik özellikleri, 2019 - 2019
5. Taşdemir M., Project Supported by Higher Education Institutions, Polipropilen/cam elyaf/etilen vinil asetat polimer kompozitinin özelliklerinin incelenmesi, 2018 - 2019
6. Taşdemir M., Project Supported by Higher Education Institutions, Polipropilen (PP)/ Red mud polimer kompozitinin yanma özelliklerinin incelenmesi, 2017 - 2018
7. Taşdemir M., Project Supported by Higher Education Institutions, Yüksek yoğunluklu polietilen (HDPE)/Pinna nobilis polimer kompozitinin mekanik, fiziksel ve yanma özelliklerinin incelenmesi, 2017 - 2018
8. Taşdemir M., Project Supported by Higher Education Institutions, Polipropilen/cam küre polimer kompozitinin özelliklerine UV yaşlandırmanın etkisi, 2016 - 2017
9. Taşdemir M., Project Supported by Higher Education Institutions, Atık üre formaldehit katkılı polipropilen ve yüksek yoğunluklu polietilen polimer kompozitlerinin özellikleri, 2016 - 2017
10. Taşdemir M., Project Supported by Higher Education Institutions, Zeytin çekirdeği ve badem kabuğu tozu katkılı polipropilen (PP) polimer matrisli kompozit malzemelerin mekanik, ısıl ve mikroyapısal özelliklerinin incelenmesi, 2016 - 2017
11. Taşdemir M., Project Supported by Higher Education Institutions, Sıcak baskı folyolarının değişik proses parametrelerindeki ABS malzeme üzerine baskı kalite performanslarının incelenmesi, 2016 - 2016
12. Taşdemir M., Project Supported by Higher Education Institutions, Biyolojik ve sentetik hidroksiapatit HA takviyeli polilaktik asit PLA ve polipropilen PP polimer kompozitlerinin hazırlanışı karakterizasyonu ve vücuda uyumluluklarının incelenmesi, 2016 - 2016
13. Taşdemir M., Project Supported by Higher Education Institutions, Isıl ve UV yaşlandırmanın ABS kırmızı çamur ve HDPE kırmızı çamur polimer kompozitlerinin mekanik ısıl ve mikroyapısal özelliklerine etkisi, 2015 - 2016
14. Taşdemir M., Project Supported by Higher Education Institutions, Biyolojik ve sentetik hidroksiapatit HA takviyeli polilaktik asit PLA ve polipropilen PP polimer kompozitlerinin hazırlanışı karakterizasyonu ve vücuda uyumluluklarının incelenmesi, 2015 - 2016
15. Taşdemir M., Gülsoy H. Ö. , Project Supported by Higher Education Institutions, Kobalt esaslı süperalajım malzemelerin toz enjeksiyon kalıplama ile üretilmesi mikroyapı mekanik ve korozyon davranışlarının incelenmesi, 2015 - 2015
16. Taşdemir M., Project Supported by Higher Education Institutions, Polipropilen yüksek darbe dayanımlı polistiren PP HIPS polimer karışımına çam ve kayın lifi katarak elde edilen polimer kompozitinin özelliklerinin ve uygulama alanlarının araştırılması, 2015 - 2015
17. Taşdemir M., Project Supported by Higher Education Institutions, Polistiren düşük yoğunluklu polietilen polimer karışımının sürtünme ve aşınma özelliklerine stiren etilen bütadien stiren nin etkisi, 2015 - 2015
18. Taşdemir M., Gülsoy H. Ö. , Project Supported by Higher Education Institutions, Süper alajım malzemelerin toz metalürjisi tekniği ile üretilmesi mikroyapı ve mekanik özelliklerin incelenmesi, 2013 - 2015
19. Taşdemir M., TUBITAK Project, Blending of polymers and composites with injection of liquid carbon dioxide, 2014 - 2014
20. Taşdemir M., Project Supported by Higher Education Institutions, Geri dönüşümlü Poliamid 6 Atık ipek ve pamuk polimer kompoziti lif boyunun etkisi, 2014 - 2014
21. Taşdemir M., Project Supported by Higher Education Institutions, HDPE Talk kalsiyum karbonat polimer kompozitinin sürtünme ve aşınma performansına yükün ve uygulanan kuvvetin etkisi, 2014 - 2014
22. Taşdemir M., Project Supported by Higher Education Institutions, Alüminyum Cam Küre ve Bor Karbür İlaveli Akrlonitril Bütadien Stiren ABS Polimer Kompozitinin Mekanik Sürtünme ve Aşınma Özelliklerinin İncelenmesi, 2013 - 2013
23. Taşdemir M., Project Supported by Higher Education Institutions, Çinko oksit magnezyum hidroksit ve kalsiyum karbonat katkılı yüksek yoğunluklu polietilen polimer kompoziti Mekanik ısıl ve yapısal özellikler, 2012 - 2012
24. Taşdemir M., Project Supported by Higher Education Institutions, İçi alüminyum silikat dolu cam küre içi boş cam küre CaCO₃ vetaalk katkılı HDPE polimer kompozitlerinin yüzey sürtünme dirençlerinin ve mikroyapı özelliklerinin incelenmesi, 2011 - 2012
25. Taşdemir M., Project Supported by Higher Education Institutions, Değişik oranlarda nano ve mikro boyutlardaki CaCO₃ in yüksek yoğunluklu polietilenin özelliklerine etkilerinin incelenmesi, 2010 - 2010
26. Taşdemir M., Project Supported by Higher Education Institutions, SBS PS SEBS PS SIS PS ve SBR PS Polimer karışımlarının ayakkabı taban malzemesi olarak kullanım uygunluğunun incelenmesi, 2010 - 2010
27. Taşdemir M., Project Supported by Higher Education Institutions, Değişik partikül boyutlarındaki Mg OH 2 katkılı Polipropilen PP Etilen propilen monomer EPM nano kompozitinin özelliklerinin incelenmesi, 2010 - 2010
28. Taşdemir M., Project Supported by Higher Education Institutions, PA6 SEBS ZnO SiO₂ CaCO₃ Mg OH 2 nano polimer kompozitinin mekanik ısıl ve mikro yapısal özelliklerinin incelenmesi, 2010 - 2010
29. Taşdemir M., Project Supported by Higher Education Institutions, Supercritical Karbondioksit ile PS LDPE SBS PP Mg OH 2 PP Clay Mg OH 2 ve ABS Mg OH 2 polimer karışımlarının üretimi ve karakterizasyonunun belirlenmesi, 2009 - 2010
30. Taşdemir M., Project Supported by Higher Education Institutions, Enjeksiyon ve ekstrüzyon yöntemi ile üretilmiş plakaların farklı kaynak yöntemleri ile birleştirilmesi, 2009 - 2010
31. Taşdemir M., Gülsoy H. Ö. , Project Supported by Higher Education Institutions, Biyomedikal ve Biyomalzeme Uygulama Amaçlı Bor Katkılı 316L Paslanmaz Çeliklerin Toz Enjeksiyon Kalıplama Metodu İle Üretilmesi Karakterizasyonu Ve İn Vitro Ortamda Biyouyumluluklarının Araştırılması, 2009 - 2010
32. Taşdemir M., Project Supported by Higher Education Institutions, Etilen Propilen Dien Kopolimeri EPDM İle Polipropilen PP Karışımları ile oluşturulan karışımın fiziksel morfolojik ve mekanik özelliklerinin incelenmesi, 2007 - 2007
33. Taşdemir M., Project Supported by Higher Education Institutions, Polipropilen ve Polietilen Türü Polimerlerin Ahşap Tozu Katılarak Oluşturulan Polimer Kompozitinden Ahşap Görüntüsü Elde Edilmesi, 2005 - 2005
34. Taşdemir M., Project Supported by Higher Education Institutions, Polietilen Poliropilen Türü Termoplastiklerin Farklı Elastomerler EVA ve SBS İle Uyumluluklarının İncelenmesi, 1999 - 2001
35. Taşdemir M., Project Supported by Higher Education Institutions, Enjeksiyonla Kalıplanmış Termoplastik Ürünlerin Yönelme Ve Kristalleşme Özelliklerinin İncelenmesi, 1998 - 1999
36. Taşdemir M., Project Supported by Higher Education Institutions, Enjeksiyonla Kalıplama Yöntemiyle Şekillendirilen Plastik Parçalarda Oluşan Gerilme Yığılımlarının İncelenmesi, 1998 - 1999

Awards

1. Taşdemir M., Akademik teşvik ödülü , Marmara Üniversitesi , July 2017
2. Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, Tübitak Ulakbim, November 2015

3. Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, TÜbitak Ulakbim, August 2015
4. Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, TÜbitak Ulakbim, December 2014
5. Ersoy S., Taşdemir M., Yayın Teşvik Ödülü, TÜbitak Ulakbim, March 2014
6. Taşdemir M., 130. Yıl akademik başarı yıllık yayın performans ödülü, Marmara Üniversitesi, May 2013
7. Taşdemir M., 8. PAGEV Plastik Teknolojisi ve Tasarım Ödülleri Yarışması, Pagev, April 2012
8. Taşdemir M., Araştırma Mansiyon Ödülü, Pagev, February 2010
9. Taşdemir M., Takdirname, Marmara Üniversitesi Fen Bilimleri Enstitüsü, April 2006

Scholarships

2219-Yurt Dışı Doktora Sonrası Burs Programı, TUBİTAK, 2014 - 2014
 Partial support of sabbatical fellowship, University, 2008 - 2009

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

1. **Thermal, structural and dynamical mechanical properties of hollow glass sphere-reinforced polypropylene composites**
 Yağcı Ö., Eker Gumus B., Taşdemir M.
 POLYMER BULLETIN, vol.78, no.6, pp.3089-3101, 2021 (Journal Indexed in SCI)
2. **Dynamical Mechanical Properties of Polypropylene Composites Filled with Olive Pit Particles**
 Gumus B. E., Yağcı Ö., Erdogan D. C., Taşdemir M.
 JOURNAL OF TESTING AND EVALUATION, vol.47, pp.2551-2561, 2019 (Journal Indexed in SCI)
3. **Water absorption and mechanical properties of PP/HIPS hybrid composites filled with wood flour**
 Ayılmış N., Taşdemir M., Akbulut T.
 POLYMER COMPOSITES, vol.38, pp.863-869, 2017 (Journal Indexed in SCI)
4. **STUDIES ON THE PROPERTIES OF LOW DENSITY POLYETHYLENE COMPOSITES FILLED SEAFOOD WASTE SHELL POWDER**
 Taşdemir M., Yerlesen U.
 REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.46, pp.43-48, 2016 (Journal Indexed in SCI)
5. **EFFECT OF ZINC OXIDE AND ZINC BORATE ON MECHANICAL PROPERTIES OF HIGH DENSITY POLYETHYLENE**
 Yerlesen U., Taşdemir M.
 REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, no.4, pp.364-369, 2015 (Journal Indexed in SCI)
6. **MECHANICAL, MORPHOLOGICAL AND THERMAL PROPERTIES OF HDPE POLYMER COMPOSITES FILLED WITH TALC, CALCIUM CARBONATE AND GLASS SPHERES**
 Taşdemir M., Ersoy S.
 REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, no.2, pp.147-154, 2015 (Journal Indexed in SCI)
7. **STUDY ON THE FRICITION AND WEAR BEHAVIORS OF MODIFIED HDPE/GLASS SPHERES COMPOSITES**
 Taşdemir M., Yerlesen U.
 REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, no.1, pp.59-66, 2015 (Journal Indexed in SCI)
8. **FRICITION AND WEAR PERFORMANCE OF HDPE/TALC- CALCIUM CARBONATE POLYMER COMPOSITES AGAINST SLIDING DISTANCE AND APPLIED LOAD**
 Taşdemir M., Ersoy S.
 REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.44, pp.257-264, 2014 (Journal Indexed in SCI)
9. **Effect of friction and wear parameters on acrylonitrile butadiene styrene/aluminum-boron carbide-glass spheres polymer composites**
 Taşdemir M., Babat V., Yerlesen U.
 MECHANIKA, no.4, pp.407-413, 2014 (Journal Indexed in SCI)
10. **THE MECHANICAL AND MORPHOLOGICAL PROPERTIES OF HDPE COMPOSITES FILLED WITH SiO₂, ZnO, Mg(OH)₂ and CaCO₃ NANO POWDER**
 Taşdemir M., Ersoy S.
 REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.43, no.4, pp.417-424, 2013 (Journal Indexed in SCI)
11. **The Properties of Polymer Composites filled with Mg(OH)₂ Powder**
 Taşdemir M., Sacaklı Y.
 JOURNAL OF POLYMER MATERIALS, vol.29, no.2, pp.189-200, 2012 (Journal Indexed in SCI)
12. **Effects of Particle Size on Mechanical, Thermal and Morphological Properties of Untreated Nano and Micro Calcium Carbonate Powder [CaCO₃] filled HDPE Polymer Composites**
 Taşdemir M., Col F.
 JOURNAL OF POLYMER MATERIALS, vol.29, no.2, pp.229-241, 2012 (Journal Indexed in SCI)
13. **Investigation of Sound Absorption and Impedance Ratio of SBR/HIPS Polymer Blends**
 Ulug E., Taşdemir M., Ersoy S.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.51, no.2, pp.170-174, 2012 (Journal Indexed in SCI)
14. **Effects of particle size on mechanical thermal and morphological properties of untreated nano and micro calcium carbonate powder CaCO₃ filled HDPE polymer composite**
 Taşdemir M.
 Journal Of Polymer Materials, vol.29, pp.49-61, 2012 (Journal Indexed in SCI)
15. **Extrusion with Carbon Dioxide (CO₂) and Characterization of ABS/Mg(OH)₂/Nanoclay Composites**
 Taşdemir M., Caneba G. T., Wang B.
 INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.61, pp.116-123, 2012 (Journal Indexed in SCI)
16. **Effects of HIPS on the Sound Absorption and Impedance Ratio of SEBS/HIPS/CaCO₃ Polymer Composites**
 Taşdemir M., Ersoy S., Ulug E.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.51, no.9, pp.952-956, 2012 (Journal Indexed in SCI)
17. **Mechanical, Morphological and Thermal Properties of SEBS, SIS and SBR-type Thermoplastic Elastomers Toughened High Impact Polystyrene**
 Taşdemir M., Ulug E.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.51, no.2, pp.164-169, 2012 (Journal Indexed in SCI)
18. **Sound Adsorption and Morphological Properties of SIS/HIPS/CaCO₃ Polymer Composites**
 Ersoy S., Ulug E., Taşdemir M.
 JOURNAL OF POLYMER MATERIALS, vol.28, pp.551-560, 2011 (Journal Indexed in SCI)
19. **Modification of Morphology of PS/LDPE/ Mg(OH)₂ and PS/LDPE/SBS/Mg(OH)₂ Polymer Composites by Supercritical CO₂**
 Taşdemir M., Caneba G. T.
 JOURNAL OF POLYMER MATERIALS, vol.28, no.2, pp.203-213, 2011 (Journal Indexed in SCI)
20. **Characterization of PP/Mg(OH)₂ and PP/Nanoclay Composites with Supercritical CO₂ (scCO₂)**
 Taşdemir M., Caneba G. T., Tiwari R., Wang B.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.50, no.10, pp.1064-1070, 2011 (Journal Indexed in SCI)
21. **Dynamically Vulcanized EPDM (Ethylene-Propylene-Diene Polymer)/PP(Polypropylene) Polymer Blend: Performance Index (PI)**
 Taşdemir M., Topsakalolu M., Caneba G. T.

- JOURNAL OF POLYMER MATERIALS, vol.27, no.4, pp.337-349, 2010 (Journal Indexed in SCI)
22. **Investigation of Properties of Polymer/Textile Fiber Composites**
Tasdemir M., Akalin M., Kocak D., Usta I., Merdan N.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.59, no.3, pp.200-214, 2010 (Journal Indexed in SCI)
 23. **Preparation and Characterization of LDPE and PP-Wood Fiber Composites**
Tasdemir M., Biltekin H., Caneba G. T.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.112, no.5, pp.3095-3102, 2009 (Journal Indexed in SCI)
 24. **Mechanical, thermal, and microstructure analysis of silk- and cotton-waste-fiber-reinforced high-density polyethylene composites**
Kocak D., Tasdemir M., USTA I., Merdan N., Akalin M.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.47, no.5, pp.502-507, 2008 (Journal Indexed in SCI)
 25. **Mechanical Properties of Polymers Filled with Iron Powder**
Taşdemir M., Gulsoy H. O.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.57, no.3, pp.258-265, 2008 (Journal Indexed in SCI)
 26. **Properties of Recycled Polycarbonate/Waste Silk and Cotton Fiber Polymer Composites**
Tasdemir M., Kocak D., Usta I., Akalin M., Merdan N.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.57, no.8, pp.797-805, 2008 (Journal Indexed in SCI)
 27. **Mechanical Thermal and Microstructure Analysis of Silk and Cotton Waste Fiber reinforced High Density Polyethylene Composites**
Taşdemir M.
Polymer-Plastics Technology And Engineering, vol.47, no.5, pp.502-507, 2008 (Journal Indexed in SCI)
 28. **The Effect of Bronze Particles on the Physical and Mechanical Properties of Acrylonitrile-Butadiene-Styrene Copolymer**
Taşdemir M., Gülsoy H. Ö.
Polymer-Plastics Technology And Engineering, vol.46, no.8, pp.789-793, 2007 (Journal Indexed in SCI)
 29. **Properties of dynamically vulcanized ethylene-propylene-diene copolymer/polypropylene blends**
Tasdemir M., Topsakaloglu M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.104, pp.3895-3902, 2007 (Journal Indexed in SCI)
 30. **Properties of Polypropylene Composite produced with Silk and Cotton Fiber Waste as Reinforcement**
Taşdemir M., Koçak E. D. , Usta I., Merdan N.
International Journal Of Polymeric Materials, vol.56, pp.1155-1165, 2007 (Journal Indexed in SCI)
 31. **Effect of styrene-isopren-styrene addition on the recycled polycarbonate/acrylonitrile-butadiene-styrene polymer blends**
Tasdemir M., Karatop S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.101, no.1, pp.559-566, 2006 (Journal Indexed in SCI)
 32. **Dynamically Vulcanized EPDM PP Blends**
Taşdemir M.
International Journal Of Polymeric Materials, vol.55, no.12, pp.1065-1073, 2006 (Journal Indexed in SCI)
 33. **Physical and mechanical properties of iron powder filled polystyrene composites**
Tasdemir M., Gulsoy H. O.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.45, no.11, pp.1207-1211, 2006 (Journal Indexed in SCI)
 34. **Physical and Mechanical Properties of Polypropylene Reinforced with Fe Particles**
Taşdemir M.
International Journal Of Polymeric Materials, vol.55, no.8, pp.619-626, 2006 (Journal Indexed in SCI)
 35. **Properties of acrylonitrile-butadiene-styrene/polycarbonate blends with styrene-butadiene-styrene block copolymer**
Tasdemir M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.93, no.6, pp.2521-2527, 2004 (Journal Indexed in SCI)
 36. **Mechanical, thermal, and microstructural properties of polypropylene/polyamide-6/styrene-ethylene-butadiene-styrene polymer alloys**
Tasdemir M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.89, no.13, pp.3485-3491, 2003 (Journal Indexed in SCI)
 37. **Effect of styrene-butadiene-styrene addition on polystyrene/high-density polyethylene blends**
Tasdemir M., Yildirim H.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.83, no.14, pp.2967-2975, 2002 (Journal Indexed in SCI)
 38. **Effect of styrene-butadiene-styrene addition on polystyrene/high-density polyethylene blends**
Taşdemir M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.83, no.14, pp.2967-2975, 2002 (Journal Indexed in SCI)
 39. **Achieving compatibility in blends of low-density polyethylene/polyamide-6 with addition of ethylene vinyl acetate**
Taşdemir M., Yildirim H.
Journal Of Applied Polymer Science, vol.82, no.7, pp.1748-1754, 2001 (Journal Indexed in SCI)

Articles Published in Other Journals

1. **Metalurjik Atık Takviyesinin HDPE ve LDPE Polimer Kompozitler Üzerine Etkileri**
ulutaş e., yazgan z. H. , UZUN KART E., TAŞDEMİR M.
Uluslararası Batı Karadeniz Mühendislik ve Fen Bilimleri Dergisi, vol.3, no.2, pp.33-46, 2021 (Refereed Journals of Other Institutions)
2. **Yüksek Yoğunluklu Polietilen (HDPE)/Atık Üre Formaldehit Polimer Karışımlarının Mekanik Özellikleri**
TAŞDEMİR M.
International Periodical of Recent Technologies in Applied Engineering, vol.22, pp.51-55, 2021 (Refereed Journals of Other Institutions)
3. **Effects of thermal aging on physical and wear properties of high-density polyethylene/hazelnut shell polymer composite**
TAŞDEMİR M.
Int. J. Adv. Eng. Pure Sci, vol.33, no.2, pp.329-336, 2021 (Refereed Journals of Other Institutions)
4. **Investigation of Properties of High Density Polyethylene (HDPE)/Pinna Nobilis Polymer Composites**
TAŞDEMİR M.
Journal of Science PART A: ENGINEERING AND INNOVATION, vol.8, no.2, pp.208-217, 2021 (Refereed Journals of Other Institutions)
5. **Zeytin Çekirdeği Tozu İlave Edilmiş Polipropilen Kompozitinin Aşınma ve Fiziksel Özellikleri,**
Taşdemir M., Kaştan A.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.10, no.2, pp.568-576, 2021 (International Refereed University Journal)
6. **Mechanical properties of polypropylene biocomposites with sea weeds**
Taşdemir M.
nanomaterials science & engineering, vol.1, no.1, pp.22-29, 2019 (International Conference Book)
7. **Mechanical properties of Polypropylene bio composites with sea weeds**
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Academic and Administrative Experience

2018 - 2021	Head of Department	Marmara University, Faculty Of Technology, Metallurgical And Materials Engineering
2018 - 2021	Fakülte Kurulu Üyesi	Marmara University, Faculty Of Technology

2018 - 2021	Head of Department	Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Metallurgical And Materials Engineering
2018 - 2021	Head of Department	Marmara University, Faculty Of Technology, Metallurgical And Materials Engineering
2016 - 2018	Deputy Head of Department	Marmara University, Faculty Of Technology, Metallurgical And Materials Engineering

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- International Journal of Composite Materials, Committee Member, 2017 - Continues
- Journal of Composites and Biodegradable Polymers, Committee Member, 2013 - 2018

Memberships / Tasks in Scientific Organizations

- 5th International Conference on Nano and Materials Engineering (ICNME 2017), Member of Science Committee, 2017 - 2017, Indonesia
- 4th International Conference on Nano and Materials Engineering (ICNME 2016), Member of Science Committee, 2016 - 2016, Indonesia
- 2016 International Conference on Chemical engineering, Biotechnology and Biomedical Engineering (ICCEBBE 2016) , Member of Science Committee, 2016 - 2016, Canada
- UPTS 2015 1. Ulusal Plastik Teknolojileri Sempozyumu 'plastikler, Polimer kompozitler, Şekillendirme Teknolojileri, Member of Science Committee, 2015 - 2015, Turkey
- 3rd International Conference on Nano and Materials Engineering (ICNME 2015), Member of Science Committee, 2015 - 2015, Thailand
- Plastik Araştırma ve Geliştirme Vakfı (PAGEV) , Member of Advisory Board, 2010 - 2013, Turkey
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Research Areas

- Testing and Control of Materials, Mechanical Properties, Composites, Polymeric Materials, Material Characterization