

Assoc. Prof. MUSTAFA ERTUNÇ TAT

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Iowa State University of Science and Technology, Mühendislik , Makine Mühendisliği, United States Of America
1998 - 2003

Postgraduate, Iowa State University of Science and Technology, Mühendislik Fakültesi, Makine Mühendisliği, United States Of America 1996 - 1998

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 1990 - 1994

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Investigation of oxides of nitrogen emissions from biodiesel-fueled engines (Biyodizel kullanan motorlarda azot oksit emisyonlarının incelenmesi), Iowa State University of Science and Technology, Mühendislik, Makine, 2003

Postgraduate, Temperature dependent physical properties of biodiesel and its blends with diesel fuel (Biyodizel ve biyodizel-dizel yakıt karışımlarının sıcaklığa bağlı fiziksel özelliklerin incelenmesi), Iowa State University of Science and Technology, 1998

Research Areas

Mechanical Engineering, Aeronautical and Space Engineering, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2014 -
Continues

Academic and Administrative Experience

Rectorate Commissioner, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2020 -

Continues

Rectorate Commissioner, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2018 - 2020

Assistant Director of the Institute, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, 2014 - 2020

Erasmus Coordinator, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2005 - 2020

Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği Bölümü, 2008 - 2011

Courses

ENGINEERING THERMODYNAMICS I (B), Undergraduate, 2021 - 2022

SEMİNER (J), Postgraduate, 2021 - 2022

MAKİNE MÜHENDİSLİĞİNDE TASARIM II (I), Undergraduate, 2021 - 2022

DOKTORA TEZ ÇALIŞMASI (J), Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

UZMANLIK ALAN DERSİ, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

NUMERICAL ANALYSIS (B), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

ENGINEERING THERMODYNAMICS I (B), Undergraduate, 2021 - 2022

UZMANLIK ALAN DERSİ (YL) (J), Postgraduate, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

NUMERICAL ANALYSIS (B), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

YÜKSEK LİSANS TEZ ÇALIŞMASI (J), Postgraduate, 2021 - 2022, 2020 - 2021

YÜKSEK LİSANS TEZ ÇALIŞMASI(E), Postgraduate, 2021 - 2022, 2020 - 2021

UZMANLIK ALAN DERSİ, Postgraduate, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

MAKİNE MÜHENDİSLİĞİNDE TASARIM II (I), Undergraduate, 2021 - 2022

FUNDAMENTALS OF COMPUTER PROGRAMING (A), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

FUNDAMENTALS OF COMPUTER PROGRAMING, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ENGINEERING THERMODYNAMICS II (B), Undergraduate, 2021 - 2022

MAKİNE MÜHENDİSLİĞİNDE TASARIM I (I), Undergraduate, 2021 - 2022

MAKİNE MÜHENDİSLİĞİNDE TASARIM I (I), Undergraduate, 2021 - 2022

ENGINEERING THERMODYNAMICS II (B), Undergraduate, 2021 - 2022

DIFFERENTIAL EQUATIONS , Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

TAŞIT TEKNOLOJİLERİ ARAŞTIRMALARI(A), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

TECHNICAL ENGLISH, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

DIFFERENTIAL EQUATIONS, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

TECHNICAL ENGLISH, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

TAŞIT TEKNOLOJİLERİ ARAŞTIRMALARI(A), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

ÖLÇME TEKNİĞİ (B), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

ÖLÇME TEKNİĞİ (B), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

YAKITLAR VE YANMANIN ESASLARI (A), Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

ISI TRANSFERİ (A), Undergraduate, 2014 - 2015
TEKNİK İNGİLİZCE II (A), Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
BASIC COMPUTER SCIENCE (A), Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
BASIC COMPUTER SCIENCE (A), Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
OTOMOTİV MÜHENDİSLİĞİ I (A), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
TEKNİK İNGİLİZCE I (A), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
HEAT TRANSFER (A), Undergraduate, 2012 - 2013
BİYODİZEL (A), Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
OTOMOTİV MÜHENDİSLİĞİ I (A), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
TEMEL BİLGİSAYAR BİLİMLERİ (A), Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
TEKNİK İNGİLİZCE II (A), Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
MOTORLU TAŞITLAR (A), Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
OTOMOTİV MÜHENDİSLİĞİ II (A), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
MOTORLU TAŞITLAR (A), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
İÇTEN YANMALI MOTORLAR (B), Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
İÇTEN YANMALI MOTORLAR (B), Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
OTOMOTİV MÜHENDİSLİĞİ II (A), Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006
TEMEL BİLGİSAYAR BİLİMLERİ (A), Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007
TEMEL BİLGİ TEKNOLOJİLERİ KULLANIMI (A), Undergraduate, 2006 - 2007
MOTOR KONSTRÜKSİYONU (A), Undergraduate, 2006 - 2007, 2005 - 2006
TEMEL BİLGİ TEKNOLOJİLERİ KULLANIMI (A), Undergraduate, 2006 - 2007
MOTOR KONSTRÜKSİYONU (A), Undergraduate, 2006 - 2007

Advising Theses

Tat M. E., Raylı Sistemlerde Motor Yağı Viskozitesi ile Teşhis, Postgraduate, E.DORU(Student), 2022
Tat M. E., Yeni imal edilecek uçak motor parçaları üretim sürecinin tasarlanması için ontoloji geliştirilmesi, Postgraduate, D.YAĞCI(Student), 2019
Tat M. E., Ağır hizmet dizel motoru silindir gömleğine uygulanan farklı kaplamaların aşınma davranışlarının incelenmesi, Postgraduate, O.BIYIKLIOĞLU(Student), 2018
Tat M. E., Üç bloklu bir sitenin ısıtma ihtiyacının kojenerasyon sistemi ile karşılanması ve enerji-ekserji analizi, Postgraduate, E.HAKAN(Student), 2018
Tat M. E., Bir uçağın kanat ve sabit iniş takımı aerodinamik ilişkisinin iki boyutlu incelenmesi, Postgraduate, M.ALKAN(Student), 2018
Tat M. E., Bir ağır hizmet dizel motorunun enerji ve ekserji analizleriyle performans değerlendirmesi, Postgraduate, O.HOŞGÖR(Student), 2018
Tat M. E., İçten yanmalı motorlarda ekserji analizi, Postgraduate, H.ÇALIŞKAN(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sustainability evaluation of a heavy-duty diesel engine used in railways**
TAT M. E., Hosgor O.
Energy, vol.270, 2023 (SCI-Expanded)
- II. **Energy efficiency and cost assessment of a residential site with a combined heat and power system optimized with cryptocurrency mining**
TAT M. E., Bestas E. H.
Environmental Progress and Sustainable Energy, 2023 (SCI-Expanded)
- III. **Lubricity assessment of ultra-low sulfur diesel fuel (ULSD), biodiesel, and their blends, in conjunction with pure hydrocarbons and biodiesel based compounds**
Tat M. E., Çelik O. N., Er Ü., Gaşan H., Ulutan M.
International Journal of Engine Research, vol.23, no.2, pp.214-231, 2022 (SCI-Expanded)
- IV. **Tribological assessment of NiCr, Al₂O₃/TiO₂, and Cr₃C₂/NiCr coatings applied on a cylinder liner of a heavy-duty diesel engine**
Biyiklioglu O., Tat M. E.
INTERNATIONAL JOURNAL OF ENGINE RESEARCH, vol.22, no.7, pp.2267-2280, 2021 (SCI-Expanded)
- V. **Cetane number effect on the energetic and exergetic efficiency of a diesel engine fuelled with biodiesel**
Tat M. E.
FUEL PROCESSING TECHNOLOGY, vol.92, pp.1311-1321, 2011 (SCI-Expanded)
- VI. **Exergy analysis of engines fuelled with biodiesel from high oleic soybeans based on experimental values**
ÇALIŞKAN H., TAT M. E., Hepbasli A., Van Gerpen J. H.
INTERNATIONAL JOURNAL OF EXERGY, vol.7, no.1, pp.20-36, 2010 (SCI-Expanded)
- VII. **A review on exergetic analysis and assessment of various types of engines**
Çalışkan H., Tat M. E., Hepbasli A.
INTERNATIONAL JOURNAL OF EXERGY, vol.7, pp.287-310, 2010 (SCI-Expanded)
- VIII. **Performance assessment of an internal combustion engine at varying dead (reference) state temperatures**
ÇALIŞKAN H., TAT M. E., Hepbasli A.
APPLIED THERMAL ENGINEERING, vol.29, no.16, pp.3431-3436, 2009 (SCI-Expanded)
- IX. **A high-oleic-acid and low-palmitic-acid soybean: agronomic performance and evaluation as a feedstock for biodiesel**
Graef G., LaVallee B. J., Tenopir P., Tat M. E., Schweiger B., Kinney A. J., Van Gerpen J. H., Clemente T. E.
PLANT BIOTECHNOLOGY JOURNAL, vol.7, no.5, pp.411-421, 2009 (SCI-Expanded)
- X. **Exhaust emissions from an engine fueled with biodiesel from high-oleic soybeans**
Tat M. E., Wang P. S., Van Gerpen J. H., Clemente T. E.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.84, pp.865-869, 2007 (SCI-Expanded)
- XI. **Fuel property effects on injection timing, ignition timing, and oxides of nitrogen emissions from biodiesel-fueled engines**
Tat M. E., Van Gerpen J. H., Wang P. S.
TRANSACTIONS OF THE ASABE, vol.50, no.4, pp.1123-1128, 2007 (SCI-Expanded)
- XII. **The production of fatty acid isopropyl esters and their use as a diesel engine fuel**
Wang P., Tat M. E., Van Gerpen J.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.82, no.11, pp.845-849, 2005 (SCI-Expanded)
- XIII. **Spray, ignition, and combustion modeling of biodiesel fuels for investigating NO_x emissions**
Yuan W., Hansen A., Tat M. E., Van Gerpen J., Tan Z.
TRANSACTIONS OF THE ASAE, vol.48, no.3, pp.933-939, 2005 (SCI-Expanded)
- XIV. **Speed of sound and isentropic bulk modulus of alkyl monoesters at elevated temperatures and pressures**

- Tat M. E., Van Gerpen J.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.80, no.12, pp.1249-1256, 2003 (SCI-Expanded)
- XV. **Effect of temperature and pressure on the speed of sound and isentropic bulk modulus of mixtures of biodiesel and diesel fuel**
Tat M. E., Van Gerpen J.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.80, no.11, pp.1127-1130, 2003 (SCI-Expanded)
- XVI. **Biodiesel blend detection with a fuel composition sensor**
Tat M. E., Van Gerpen J.
APPLIED ENGINEERING IN AGRICULTURE, vol.19, no.2, pp.125-131, 2003 (SCI-Expanded)
- XVII. **The speed of sound and isentropic bulk modulus of biodiesel at 21 degrees C from atmospheric pressure to 35 MPa**
Tat M. E., Van Gerpen J., Soylu S., Canakci M., Monyem A., Wormley S.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.77, no.3, pp.285-289, 2000 (SCI-Expanded)
- XVIII. **The specific gravity of biodiesel and its blends with diesel fuel**
Tat M. E., Van Gerpen J.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.77, no.2, pp.115-119, 2000 (SCI-Expanded)
- XIX. **The kinematic viscosity of biodiesel and its blends with diesel fuel**
Tat M. E., Van Gerpen J.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.76, no.12, pp.1511-1513, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Diagnosing Engine Oil Fuel Dilution by Viscosity Measurement in Heavy-Duty Diesel Engines Used in Railways**
TAT M. E., DORU E.
Demiryolu Mühendisliği, no.18, pp.26-35, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Title: BİR HAVA ARACI MOTOR PARÇASININ ONTOLOJİ TABANLI MODELLENMESİ İÇİN BİR ALT MODEL**
YAĞCI D., TAT M. E.
1. INTERNATIONAL SYMPOSIUM ON IMPLEMENTATIONS OF DIGITAL INDUSTRY AND MANAGEMENT OF DIGITAL TRANSFORMATION 2019, Konya, Turkey, 25 - 26 June 2019, vol.0
- II. **Ağır Hizmet Dizel Motorlara Ait Bir Kaymalı Yatağın Çalışma Analizi**
SAYAR M., TAT M. E.
4th International Symposium on Railway Systems Engineering, Karabük, Turkey, 10 - 12 October 2018, pp.433-441
- III. **Bir Ağır Hizmet Dizel Motorunun Enerji ve Ekserji Analizleriyle Performans Değerlendirmesi**
HOŞGÖR O., TAT M. E.
4th International Symposium on Railway Engineering, Karabük, Turkey, 10 - 12 October 2018, pp.290-297
- IV. **Raylı Sistemlerde Kullanılan Ağır Hizmet Dizel Motorlarının Kestirimci Bakım ve Motor Yağkirleticileri ile Değerlendirilmesi**
İPEK Y., TAT M. E.
4th International Symposium on Railway System Engineering, Karabük, Turkey, 10 - 12 October 2018, pp.400-407
- V. **Raylı Sistemlerde Kullanılan Bir Ağır Hizmet Dizel Motoru Silindir Gömleği Üzerine Uygulanan Farklı Kaplama Malzemelerinin Aşınma Davranışlarının İncelenmesi**
BIYIKLIOĞLU O., TAT M. E.
4th International Symposium on Railway Systems Engineering, Karabük, Turkey, 10 - 12 October 2018, pp.298-304
- VI. **Impact of Industry 4.0 to Aircraft Maintenance, Repair and OverHaul**

TAT M. E., KUŞHAN M. C.

VII International Symposium Engineering Management and Competitiveness 2017 (EMC 2017), Zrenjanin, Serbia, 16 - 17 June 2017, pp.101-105

VII. Investigation of Lubrication and Wear Properties of Biodiesel and Diesel Fuels on Fuel Pump Material

TAT M. E., ÇELİK O. N., KNOTHE G., ER Ü., GAŞAN H., ULUTAN M.

World Conference on Oilseed Processing, Fats & Oils Processing, Biofuels & Applications, İzmir, Turkey, 21 - 23 June 2011

VIII. Effect of Lubrication and Wear Properties of Biodiesel added Ultra Low Sulfur Diesel (ULSD) Fuel on Common Rail Fuel Injection Pump Material

TAT M. E., ÇELİK O. N., KNOTHE G., ER Ü., GAŞAN H., ULUTAN M.

World Conference on Oilseed Processing, Fats & Oils Processing, Biofuels & Applications, İzmir, Turkey, 21 - 23 June 2011, pp.34

Supported Projects

Sakarya H. U., Tat M. E., TUBITAK Project, Fotovoltaik Panellerin Hexagon Kanatçıklarla Su Soğutmalı Sistem Tasarımı ve Analizi, 2022 - 2022

TAT M. E., Project Supported by Higher Education Institutions, Raylı Sistemlerde Kullanılan Bir Ağır Hizmet Dizel Motor Silindir Gömleğinin Kaplama Prosesiyle Aşınma Davranışının ve Revizyonda Maliyet Tasarruf İmkanlarının Araştırılması, 2018 - 2019

TAT M. E., Project Supported by Higher Education Institutions, Biyodizel Katkılı Çok Düşük Sülfürlü Dizel Yakıtın Yakıt Pompa (Common Rail) Malzemesi Üzerinde Yağlama ve Aşınma Özelliklerinin İncelenmesi, 2010 - 2013

GAŞAN H., ULUTAN M., ER Ü., TAT M. E., Project Supported by Higher Education Institutions, Biodizel Katkılı Çok Düşük Sülfürlü Dizel Yakıtın Yakıt Pompa Common Rail Malzemesi Üzerinde Yağlama ve Aşınma Özelliklerinin İncelenmesi, 2010 - 2012

Scientific Refereeing

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, April 2022

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, April 2022

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, January 2022

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, October 2021

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, February 2021

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, January 2021

INTERNATIONAL JOURNAL OF ENGINE RESEARCH, SCI Journal, May 2020

JOURNAL OF OIL PALM RESEARCH, SCI Journal, April 2020

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, March 2020

ENERGY CONVERSION AND MANAGEMENT, SCI Journal, November 2018

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, October 2018

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, September 2018

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, July 2018

TRANSACTIONS OF THE ASABE, SCI Journal, May 2018

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, SCI Journal, April 2018

Metrics

Publication: 28

Citation (WoS): 1035
Citation (Scopus): 1255
H-Index (WoS): 15
H-Index (Scopus): 15

Scholarships

1416 ECNEBİ MEMLEKETLERE GÖNDERİLECEK TALEBE HAKKINDA KANUN, Ministry of Education, 1995 - 2003
Başarılı öğrencileri öğretmenlik mesleğine çekmek için 15 Haziran 1989 tarihinde 3580 sayılı "Öğretmen ve Eğitim Uzmanı Yetiştiren Yükseköğretim Kurumlarında Parasız Yatılı veya Burslu Öğrenci Okutma ve Bunlara Yapılacak Sosyal Yardımlara İlişkin Kanun" , Ministry of Education, 1990 - 1994

Awards

Tat M. E., Kuşhan M. C., Hasılıcı Z., FUTURE ENGINEERS DESIGN PROJECT COMPETITION V ("Unmanned Special Purpose Amphibic Stealth Tactical Vehicle"), Tmmob Makine Mühendisleri Odası Eskişehir, May 2011
Tat M. E., Van Gerpen J. H., P.S. W., ASABE SUPERIOR PAPER AWARD "Fuel Property Effects On Injection Timing, Ignition Timing, And Oxides Of Nitrogen Emissions From Biodiesel-Fueled Engines, 2007, Transactions of ASABE Vol. 50, no. 4, 1123-1128", Asabe (American Society Of Agricultural And Biological Engineers, <https://www.asabe.org/>) , July 2008
Tat M. E., Uğurlubilek R., Zülfikar A., Zhanamkulov B., Göksu E., Öztürk K., Asan K. E., Günçikan S., ENGINEERS OF THE FUTURE DESIGN PROJECT COMPETITION ("On-Campus Electro Bike-Car (EBA) Project"), Tmmob Makine Mühendisleri Odası Eskişehir, May 2007
Yuan W., Hansen A. C., Tat M. E., Van Gerpen J. H., Tan Z., ASABE SUPERIOR PAPER AWARD "Spray, Ignition, And Combustion Modeling Of Biodiesel Fuels for Investigating NOx Emissions, 2005, Transactions of ASABE, Vol. 48, no. 3, 30-36." , Asabe (American Society Of Agricultural And Biological Engineers), July 2006
Tat M. E., HONORED STUDENT AWARD 2003 (Presented to Mustafa E. TAT In Recognition of Outstanding Preparation for a Career in the Field of Fats and Oils, Including Research, Academic Course Work, Publications, and Personal Experience.), The American Oil Chemists' Society, May 2003
Tat M. E., CERTIFICATE OF RECOGNITION (International Commission of Agricultural Engineering Presents a Certificate of Recognition to Mustafa E. TAT as a Future Leader in Agricultural Engineering on Occasion of the XV CIGR World Congress, Chicago, USA, July 28-August1, 2002.), International Commission Of Agricultural Engineering (Cigr, <https://www.cigr.org/>), July 2002